**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **1.8: Venn Diagrams & Sets**

**NOTATION**

* { }

Ex. Set A={2,4,6,8,10,12,…}

This is an…

Ex. Set B={2,4,6,8,10,12}

This is an …

Ex. Set C={…,2,4,6,8,10,12,…}

This is an…

**VENN DIAGRAMS**

* Used to …
* An organization of …
* Data …
* Sets can be …

**EXAMPLES:**

* Set A = {3,6,9,12,15}
* Set B = {2,4,6,8,10,12,14}
* Set C = {5,10,15}

**Use these sets to create a venn diagram below…**

**SYMBOLS:**

* The following symbols can be used with Venn Diagrams and Sets
* NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SYMBOL: \_\_\_\_\_\_\_\_\_\_\_\_
  + Numbers that are …
  + Every number …
* NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SYMBOL: \_\_\_\_\_\_\_\_\_\_\_\_
  + Numbers that are …
* NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SYMBOL: \_\_\_\_\_\_\_\_\_\_\_\_
  + A set …

**Examples:**

**Use the number sets from before and complete the following**

1. A ∩ B =

2. A ∪ B =

3. A ∩ C =

4. B ∪ C =

5.A∩B∩C =

6.A∪B∪C =